

Application No. 10/033657  
Response dated 09/24/2005  
RCE and Reply to Office Action of 07/26/2005

**REMARKS / ARGUMENTS**

Amendments to the Claims were to more clearly define what Applicants consider the invention. Support for the amended claims may be found in the originally submitted application. No new matter has been added.

Applicants respectfully request reconsideration of this application.

**Abstract**

Applicants submit that as amended the Abstract more clearly and concisely describes the disclosure.

**All Applicants' Claims and cited art Ali et al ("Ali", WO 01/44932)**

All of Applicants' claims before amendment stood rejected under Ali for either a 102(e) (all claims but claim 4), a 103(a) (claim 4), or 102(e) and 103(e) (claim 52).

Applicants submit that as amended all claims are distinguishable over Ali.

**Claims 1-3, and 5-19 Rejection under 35 U.S.C. § 102(e)**

Applicants' claim 1 as amended recites:

1. A method comprising:
  - receiving a schema having elements;
  - receiving an instance related to said schema;
  - receiving a display specification having rules for schema elements; and

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generating a display based on said schema elements and said display specification rules.

Ali is cited as anticipating this as noted at Office Action page 3 paragraph 4:

As per independent claim 1, Ali discloses a method comprising: receiving a schema (Figure 4A item 410); receiving an instance (Figure 4A item 414); receiving a display specification (Figure 4A item 412); and generating a display (Figure 4A item 424).

As amended, Applicants' claim 1 receives a display specification **having rules for schema elements** and generates a display based on the **schema elements and the display specification rules**.

Applicants submit that Ali does not disclose what Applicants have claimed in claim 1, and therefore request removal of the rejection for claim 1, and allowance for claim 1 and claims 2-3, and 5-19 which are dependent on claim 1.

**Claim 4 Rejection under 35 U.S.C. § 103(a)**

With respect to claim 4 (which is dependent on independent claim 1) which stood rejected under 103(a) as obvious in light of Ali and Official Notice, Applicants submit that per Applicants' amended claim 1 and per the arguments above, Ali no longer anticipates Applicants' claim 1 and therefore the Official Notice standing alone does not make obvious Applicants' claim 4. Applicants therefore request removal of the rejection for claim 4, and allowance of claim 4.

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**Claims 20-37 Rejection under 35 U.S.C. § 102(e)**

Applicants' claim 20 as amended recites:

20. A method comprising:

receiving a display specification having rules for displaying schema elements;

receiving an XML schema; and

dynamically generating a user interface based upon said XML schema and said display specification.

As amended, Applicants' claim 20 receives a display specification **having rules for displaying schema elements** and dynamically generating a user interface based on the **XML schema and the display specification**.

Applicants submit that Ali does not disclose what Applicants have claimed in claim 20, and therefore request removal of the rejection for claim 20, and allowance for claim 20 and claims 21-37 which are dependent on claim 20.

**Claims 38-48 Rejection under 35 U.S.C. § 102(e)**

Applicants' claim 38 as amended recites:

38. An apparatus for dynamically generating a user interface comprising:

means for receiving a schema having elements;

means for receiving an instance related to said schema;

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means for receiving a display specification having rules for schema elements;  
and

means for generating a display based on said schema elements and said  
display specification rules.

As amended, Applicants' claim 38 has means for receiving a display specification  
**having rules for schema elements** and means for generating a display based on the  
**schema elements and the display specification rules.**

Applicants submit that Ali does not disclose what Applicants have claimed in claim 38,  
and therefore request removal of the rejection for claim 38, and allowance for claim 38 and  
claims 39-48 which are dependent on claim 38.

**Claims 49-57 Rejection under 35 U.S.C. § 102(e)**

Applicants' claim 49 as amended recites:

49. A system comprising a processor, which when executing a set of instructions,  
performs the following:

retrieves a schema having elements;

retrieves data;

retrieves a display specification having rules for schema elements; and

generates a user interface based on said schema elements, said display  
specification rules, and said data.

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As amended, Applicants' claim 49 has retrieves a display specification **having rules for schema elements** and generates a user interface based on the **schema elements, said display specification rules, and the data.**

Applicants submit that Ali does not disclose what Applicants have claimed in claim 49, and therefore request removal of the rejection for claim 49, and allowance for claim 49 and claims 49-57 which are dependent on claim 49.

**Claim 4 Rejection under 35 U.S.C. § 103(a)**

With respect to claim 52 (which is dependent on independent claim 49) which stood rejected under 103(a) as obvious in light of Ali and Official Notice, Applicants submit that per Applicants' amended claim 49 and per the arguments above, Ali no longer anticipates Applicants' claim 49 and therefore the Official Notice standing alone does not make obvious Applicants' claim 52. Applicants therefore request removal of the rejection for claim 52, and allowance of claim 52.

**Claim 58 Rejection under 35 U.S.C. § 102(e)**

Applicants' claim 58 as amended recites:

58. (currently amended) An apparatus for dynamically generating a user interface comprising:

means for receiving an XML schema having elements;

means for receiving an XML instance related to said schema;

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means for receiving an XML compliant display specification having actions  
and presenters and rules for schema elements;

means for generating a display based upon the display specification and said  
XML schema elements,

means for receiving a user input from the user interface, and

means for communicating to a program or processor through actions and  
presenters based upon the user input.

As amended, Applicants' claim 58 has means for receiving an XML compliant  
display specification having actions and presenters **and rules for schema elements**, and  
means for generating a display based upon the **display specification and the XML  
schema elements**,

Applicants submit that Ali does not disclose what Applicants have claimed in claim 58,  
and therefore request removal of the rejection for claim 58, and allowance for claim 58.

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CONCLUSION

Applicants submit that any claim not directly discussed is addressed via the independent claim discussion on which it is dependent.

Applicants respectfully submit that all claims are in condition for allowance, and request allowance of all claims.

The Examiner is invited to call Alan Heimlich at 408 253-3860 if there remains any issue with allowance. Cleartext email communication is authorized.

Respectfully submitted,

Heimlich Law

09/24/2005

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